

**WHAT IS CLAIMED IS:**

1. A receiver comprising:

a housing having a front side, a rear side, and a plurality of sound holes  
5 extended through said front side;

a rear yoke mounted inside said housing, said rear yoke having an annular  
base spaced from the rear side of said housing at a distance, and a tubular body  
forwardly extended from said annular base;

an annular magnet disposed around the tubular body of said rear yoke and  
10 stopped at a front side of said annular base;

a front yoke disposed around the tubular body of said rear yoke and stopped  
at a front side of the annular magnet;

a vibration diaphragm mounted inside said housing and stretched in front of  
said rear yoke and said front yoke;

15 a voice coil connected to a back side of said vibration diaphragm and  
suspended in an annular space between said front yoke and the tubular body of said  
rear yoke; and

a first acoustic paper bonded to the annular base of said rear yoke to block  
said tubular body of said rear yoke;

20 wherein said housing has at least one air hole in the rear side and a second  
acoustic paper blocking said at least one air hole; a first cushion is mounted inside the  
tubular body of said rear yoke, said first cushion being a tubular member having a  
periphery thereof disposed in contact with an inner diameter of the tubular body of said  
rear yoke; a second cushion mounted in an annular gap between said annular magnet  
25 and the tubular body of said rear yoke, said second cushion being an annular member

having inner and outer diameters respectively disposed in contact with a periphery of the tubular body of said rear yoke and an inner diameter of said annular magnet and spaced from said front yoke at a distance.

2. The receiver as claimed in claim 1, wherein said first cushion and said  
5 second cushion are respectively made of rubber.

3. The receiver as claimed in claim 1, wherein said first cushion has front and rear sides thereof disposed in flush with front and rear sides of the tubular body of said rear yoke.

4. The receiver as claimed in claim 1, wherein said second cushion is  
10 stopped at the front side of the annular base of said rear yoke.

5. The receiver as claimed in claim 4, wherein an axial thickness of said second cushion is about one half of an axial thickness of said annular magnet.

6. A receiver comprising:

a housing having a front side, a rear side, and a plurality of sound holes  
15 extended through said front side;

a rear yoke mounted inside said housing, said rear yoke having an annular base spaced from the rear side of said housing at a distance, and a tubular body forwardly extended from said annular base;

an annular magnet disposed around the tubular body of said rear yoke and  
20 stopped at a front side of said annular base;

a front yoke disposed around the tubular body of said rear yoke and stopped at a front side of the annular magnet;

a vibration diaphragm mounted inside said housing and stretched in front of said rear yoke and said front yoke;

25 a voice coil connected to a back side of said vibration diaphragm and

suspended in an annular space between said front yoke and the tubular body of said rear yoke; and

a first acoustic paper bonded to the annular base of said rear yoke to block said tubular body of said rear yoke;

5            wherein said housing has at least one air hole in the rear side and a second acoustic paper blocking said at least one air hole; a cushion is mounted inside the tubular body of said rear yoke, said cushion being a tubular member having a periphery thereof disposed in contact with an inner diameter of the tubular body of said rear yoke; said rear yoke has an annular step extended around a periphery of said  
10 tubular body and disposed in contact with an inner diameter of said annular magnet and spaced from said front yoke at a distance.

7. The receiver as claimed in claim 6, wherein said cushion is made of rubber.

8. The receiver as claimed in claim 6, wherein said cushion has front and rear  
15 sides thereof disposed in flush with front and rear sides of the tubular body of said rear yoke.

9. The receiver as claimed in claim 6, wherein said annular step of said rear yoke is formed integral with a connection area between the tubular body and annular base of said rear yoke.

20            10. The receiver as claimed in claim 9, wherein an axial thickness of said annular step is about one half of that of said annular magnet.